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MEMORANDUM FOR : Deputy Director (Science and Technology)  
SUBJECT : General Electric Vulnerability Studies

DD/S&T - 1  
DD/SEC - 2  
DD/DA - 3  
DD/OPS - 4  
DD/INT - 5  
DD/IN - 6

1. This memorandum contains a recommendation for approval of the DD/S&T in paragraph 4.

2. General Electric has recently completed an operational analysis of the vulnerability of the [redacted] vehicle (DISCOVERER). This analysis, which is attached, was carried out under direction of the [redacted] office of SSD at a cost of about [redacted]. As far as we can tell, it is simply a rehash of a very similar analysis carried out a year and a half ago on the [redacted] for SSD.

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3. General Electric assumed the present and early future threat to consist of the [redacted] net and the SA-4 AEM missile with associated radars. The detailed characteristics of the SA-4 missile and the early warning, acquisition, target tracking, missile tracking, and missile beacon radars are given based on FTD reports. Using these "data", General Electric proceeds to analyze in some depth the [redacted] orbital changes, anti-anti missiles, etc.

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4. We believe that many of the conclusions in this report are invalidated by the use of obsolete and erroneous intelligence data. In order that the errors in the analysis can be clearly assessed and the useful data extracted, it is recommended that the DD/S&T direct a critical evaluation of this attached report be carried out by OSI.

(Original) [redacted] J. L. [redacted]

JACK C. LEDFORD  
COLONEL, USAF  
Assistant Director  
(Special Activities)

Attachment: G.E. Analysis

Recommendation in Paragraph 4 APPROVED:

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[redacted]

DD/S&T

23 SEP 1963

Handle via [redacted]

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[redacted] SSD/OSA:jlf (16 September 1963)

Distribution:

- Cy 1 - D/TECH/OSA
- 2 - DD/S&T
- 3 - AD/OSA
- 4 - SSD/OSA
- 5 - SSD/OSA (chrono)
- 6 - RB/OSA

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[redacted]

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